

Appl. No. 10/631,794

Notice of Allowance dated September 17, 2008

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Cancelled)

Claim 2 (Cancelled)

Claim 3 (Cancelled)

Claim 4 (Previously Presented) A system for providing role-based presentity availability information to a watcher, comprising a processor and memory for implementing:

at least one presentity user agent for issuing a request to register a presentity in at least one of a plurality of roles, and for generating context messages relating to changes in context of said presentity;

at least one watcher user agent for issuing a role-based subscription request for said availability information;

a presence service for maintaining role-based watcher subscriptions and issuing availability messages in response to generation of said context messages; a role manager for (i) receiving each request to register a presentity in said at least one of said plurality of roles and in response managing presentity registration in said plurality of roles, and (ii) receiving each said role-based subscription request, and in

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response managing each role-based watcher subscription to said availability information within said presence service;

wherein said presence service comprises:

a shared database stored in said memory for publishing a subscribe event and a notification event in response to receiving each said subscription request and context message, respectively; and

at least one presence agent for receiving said subscribe event and in response triggering a set of subscription policies that either confirm or reject each of said role-based watcher subscriptions, and for receiving said notification event and in response triggering a set of notification policies to selectively generate said availability messages;

wherein said role manager is a role group manager for effecting user-centered management of roles by registering said presentity with said at least one presence agent in said at least one of said plurality of roles, and subscribing said watcher within said at least one presence agent to said presentity in said at least one of said plurality of roles; and

wherein said role-based subscription request identifies said presentity and includes a role definition therefor.

Claim 5 (Currently Amended) A system as claimed in claim 3 4, wherein each of said notification policies includes a role switch for presentity control of availability in said at least one of said plurality of roles.

Claim 6 (Cancelled)

Claim 7 (Previously Presented) A system for providing role-based presentity availability information to a watcher, comprising a processor and memory for implementing:

- at least one presentity user agent for issuing a request to register a presentity in at least one of a plurality of roles, and for generating context messages relating to changes in context of said presentity;

- at least one watcher user agent for issuing a role-based subscription request for said availability information;

- a presence service for maintaining role-based watcher subscriptions and issuing availability messages in response to generation of said context messages;
- a role manager for (i) receiving each request to register a presentity in said at least one of said plurality of roles and in response managing presentity registration in said plurality of roles, and (ii) receiving each said role-based subscription request, and in response managing each role-based watcher subscription to said availability information within said presence service;

- wherein said presence service comprises:

- a shared database stored in said memory for publishing a subscribe event and a notification event in response to receiving each said subscription request and context message, respectively; and

- at least one presence agent for receiving said subscribe event and in response triggering a set of subscription policies that either confirm or reject each of said role-based watcher subscriptions, and for receiving said notification event and in response triggering a set of notification policies to selectively generate said availability messages;

wherein said role manager is a role manager service for effecting user-independent management of roles by subscribing said watcher to said at least one of said plurality of roles irrespective of said presentity; and

wherein said role-based subscription includes a role definition therefor.

Claim 8 (Currently Amended) A system as claimed in claim 6 ~~Z~~, wherein each of said notification policies includes a watcher switch for identifying said watcher and a status line for controlling availability of said presentity in said at least one of said plurality of roles.

Claim 9 (Cancelled)

Claim 10 (Cancelled)

Claim 11 (Cancelled)

Claim 12 (Cancelled)

Claim 13 (Cancelled)

Claim 14 (Cancelled)

Claim 15 (Cancelled)

Claim 16 (Cancelled)

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Claim 17 (Cancelled)

Claim 18 (Cancelled)